

Title (en)
NOZZLE FOR SUBSTRATE ANALYSIS

Title (de)
DÜSE FÜR SUBSTRATANALYSE

Title (fr)
BUSE POUR ANALYSE DE SUBSTRAT

Publication
EP 3351922 A1 20180725 (EN)

Application
EP 16892669 A 20161025

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• JP 2016038639 A 20160301
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Abstract (en)
Provided is a nozzle for substrate analysis with a simple structure, which enables analysis to be reliably performed without leaking an analysis liquid when a substrate having high hydrophilicity is scanned with the analysis liquid. The nozzle for analysis of a substrate according to the present invention includes: a double pipe including a nozzle main body that discharges and suctions an analysis liquid, and an outer pipe disposed on the outer periphery of the nozzle main body so as to surround the scanning analysis liquid; exhaust means having an exhaust path between the nozzle main body and the outer pipe; and a gas spraying pipe for spraying an inert gas to the tip of the nozzle main body in a direction substantially parallel to a substrate surface, the gas spraying pipe being disposed on the outer periphery of the tip of the outer pipe and on a side opposite to a scanning direction of the nozzle.

IPC 8 full level
G01N 1/28 (2006.01); **G01N 1/32** (2006.01)

CPC (source: EP KR US)
G01N 1/14 (2013.01 - KR US); **G01N 1/28** (2013.01 - EP US); **G01N 1/32** (2013.01 - EP KR US); **H01L 21/6708** (2013.01 - EP US); **H01L 21/67242** (2013.01 - KR); **H01L 21/67253** (2013.01 - EP US); **H01L 21/67288** (2013.01 - US); **H01L 22/10** (2013.01 - US); **H01L 22/30** (2013.01 - KR)

Cited by
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DOCDB simple family (publication)
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